SPECIAL PROVISION FOR GENERAL PROGRESS SCHEDULE

This Special Provision will apply when indicated on the plans or in the proposal. Section references herein are to the Department's 2004 Standard Specifications for Road and Bridge Construction.

1.0 DESCRIPTION. Prepare and maintain a progress schedule for the project using the critical path technique.

2.0 MATERIALS. Reserved.

3.0 CONSTRUCTION. Submit a progress schedule consisting of an activity network analysis as described herein, unless the Engineer approves an alternate system.

3.1 Network Analysis System. Include diagrams that show all major work elements of the project and the entire project in summary.

Provide diagrams showing the order and interdependence of activities and the sequence in which the work is to be accomplished. Follow the basic concept of a network analysis to show how the start of a given activity is dependent on the completion of preceding activities. Include any restrictions.

Include in the network activities, the submittal and approval of samples of materials and shop drawings; the procurement of critical materials and equipment, and fabrication of special material or equipment and their installation and testing. Show contract required dates for completion of all or parts of the work.

Show on the network diagram the minimum number of activities necessary to accurately reflect the flow of work. Group related activities on the network. Determine the critical path and identify where float or slack exists.

Include in the network diagram analysis a tabulation of each activity. Furnish the following information as a minimum for each activity:

1) preceding and following event or work item numbers
2) activity description
3) estimated duration of activities (in days)
4) earliest start date
5) earliest finish date
6) latest start date
7) latest finish date
8) slack or float (in days)

3.2 Submission and Review Procedures. Submit the complete proposed project schedule, consisting of the network analysis and network diagrams at the preconstruction conference.

Participate with the Engineer in a review of the proposed project schedule. Resubmit all necessary revisions within 10 days after the initial review. When a change in the method of operation or scheduling is desired, notify the Engineer in writing of the proposed change.

Provide 4 copies of the initial project schedule submittal and subsequent revisions for review. Ensure all submitted diagrams are legible.

3.3 Monthly Updates. Submit a report of the actual construction progress by

updating the project schedule each month. Reflect the work as-built as of the date of the report, as well as the work remaining to be done as planned. Provide 4 copies.

Establish the dates of submittal with the Engineer at the preconstruction conference. If an updated project schedule is not provided by the established date, the Engineer will not process pay estimates until it is.

3.4 Significant Changes. Update and resubmit the project schedule revisions whenever a situation arises or an event occurs that significantly affects the progress of the work. If an updated project schedule is not provided after significant changes occur, the Engineer will not process pay estimates until it is.

3.5 Float or Slack. Float or slack is the amount of time between the early start date and the late start date, or the early finish date and the late finish date, of any of the activities on the project schedule. The Department will consider extensions of time only to the extent that equitable time or adjustments for the activity or activities affected exceed the float or slack along the channels involved.

4.0 MEASUREMENT. The Department will measure the CPM Schedule as Lump Sum.

5.0 PAYMENT. The Department will make payment for the completed and accepted quantities under the following:

Code	Pay Item	Pay Unit
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The Department will consider payment as full compensation for all work required in this provision.

March 1, 2004